



# County of Orange Health Care Agency

PUBLIC HEALTH

DISEASE CONTROL & EPIDEMIOLOGY

## 2003 AIDS Fact Sheet

### Reported AIDS Cases

From 1981 through 2003, a total of 6,429 Orange County residents with AIDS had been reported to the Centers for Disease Control and Prevention, of these, 3,099 cases were living as of December 31, 2003. Two-hundred thirty-seven (237) cases were reported in 2003. Figure 1. presents Orange County AIDS cases by year of report and year of diagnosis. The spike in case reporting observed in 1993 reflects the expansion of the AIDS surveillance case definition. The decrease in case reporting observed in subsequent years (1994 to 1997) and the apparent leveling of cases in the following years may be attributed to the use of combination therapy. Due to reporting delays, cases by year of diagnosis may underestimate actual AIDS cases diagnosed in later years, especially 2003.

Figure 1. AIDS Cases by Year of Report and Year of Diagnosis  
1980-2003

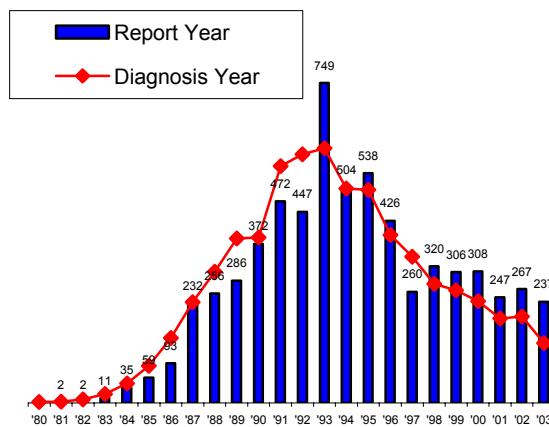


Figure 2. Distribution of AIDS Case vs. OC Population, 2003

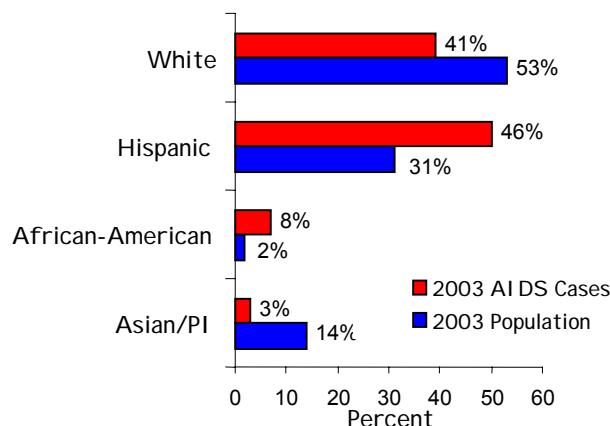


Figure 3. AIDS Cases Reported in 2003 vs. AIDS Cases

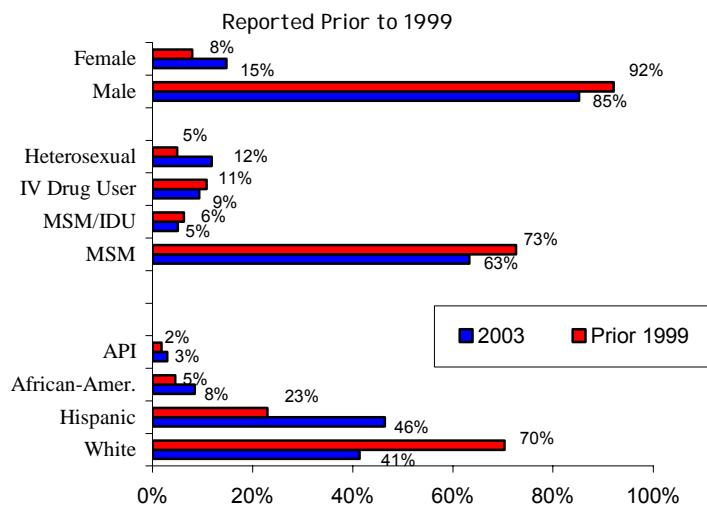


Figure 4. AIDS Case Rates by Race/Ethnicity

1999-2003

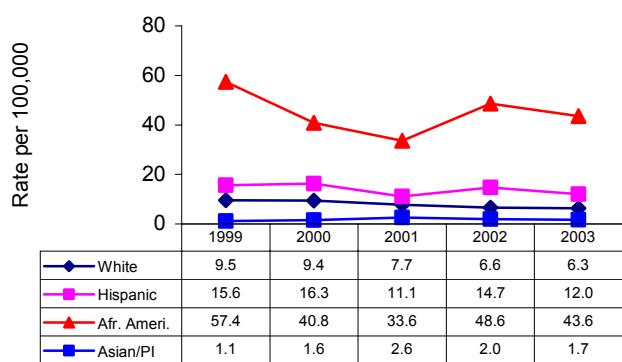


Figure 5. AIDS Death Rates by Year, 1997-2001

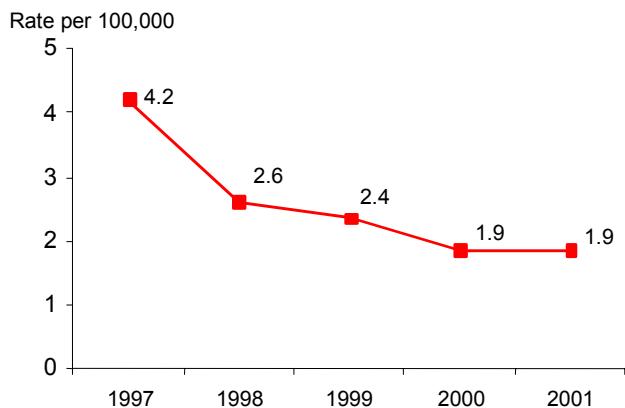


Figure 6. AIDS Prevalence 1981-03

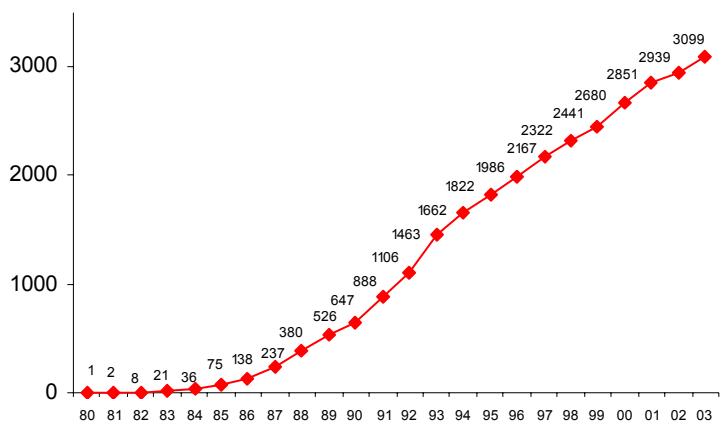


Figure 4. compares AIDS case rates by ethnicity for the period between 1999 and 2003 for Orange County's residents. As can be seen, African Americans have the highest case rate followed by Hispanics. Compared to 1999, the decline in case rates in 2003 was 34% for Whites, 24% for African Americans, and 23% for Hispanics. For Asian/PI population, the case rate was higher in 2003 than in 1999.

#### Deaths Among Persons Reported with AIDS

More than one-half (52%) of Orange County residents reported with AIDS since 1981 had died by the end of December 2003 (3,330 of 6,429 total cases). AIDS mortality data for Orange County is presented in Figure 5. to illustrate AIDS deaths rates per 100,000 population for 1996-2001. The decrease in AIDS death rates reflects both the decline in case reports and improved survival among persons with AIDS, most likely a reflection of recent improvements in medical care.

#### AIDS Prevalence

As of December 2003, an estimated 3,099 Orange County residents were living with AIDS, more than double the number living in 1993 (1,463) as shown in Figure 6. The number of persons living with AIDS increased 5% between 2002 and 2003. Eighty-nine percent (89%) of prevalent cases were male; 55% were White, 36% Hispanic, and 6% African-American. By exposure category, men who have sex with men accounted for the largest number of prevalent cases (2139 or 69%), followed by injection drug users (368 or 12%) and persons infected through heterosexual contact (265 or 9%).

#### Comparison to Other Jurisdictions

Orange County reported 237 AIDS cases in 2003, for a rate of 7.9 per 100,000 population. In comparison, the preliminary number of AIDS cases reported in California during 2003 was 5,662 for a rate of 15.9 cases per 100,000. Compared to other jurisdictions in California, Orange County ranks fifth among 58 California counties in cumulative AIDS cases reported through December 2003.

#### Data Sources:

HARS Reporting System, 2004

California AIDS case rates: Acquired Immunodeficiency Syndrome (AIDS Only), HIV Reporting System, Surveillance Report for California-December 2003.

Population estimates: State of California, Department of Finance, E-1 City/County Population Estimates with Annual Percent Change, January 1, 2002 and 2003. Sacramento, California, January 2003.

AIDS Mortality Data-OCHCA Epidemiology and Assessment, June 2003.

For more information contact the HIV/AIDS Surveillance Program at (714) 834-8131.

# COUNTY OF ORANGE

## AIDS DATA SHEET

(Data as of December 31, 2003)

<b>Total AIDS cases</b>	6,429	(3,330 have died,	3,099 living)
Adult cases	6,384	(3,311 have died,	3,073 living)
Pediatric cases	45	( 19 have died,	26 living)

### ADULT Cases by Exposure Category

4,564	Men having Sex With Men (MSM/ Bisexual Contact)
723	Injection Drug Use
383	Men having Sex with Men and Inject drugs
386	Heterosexual Contact
36	Hemophilia / Coagulation Disorder
82	Receipt of Blood, Components, or Tissues
210	Risk not Reported /Unknown

### PEDIATRIC Cases by Exposure Category

6	Hemophilia / Coagulation Disorder
31	Perinatal (Mother with/at risk for HIV infection)
5	Receipt of Blood, Components or Tissues
3	Risk not Reported /Unknown

### AIDS Cases by Ethnicity

4,174	White
328	African-American
1,768	Hispanic
126	Asian/Pacific Islander
13	American Indian/Alaska Native
20	Other / Unknown

### AIDS Cases by Gender

5,848	Male
581	Female

### AIDS Cases by Age Group (age at time of AIDS diagnosis)

27	Under 5 years
11	5-12 years
23	13-19 years
1,226	20-29 years
2,859	30-39 years
1,557	40-49 years
726	50 years and older

### Comparison of AIDS Case Rates\*

	CASES 2002	RATE PER 100,000 POP.	CUMULATIVE CASES as of 12/2002
■ ORANGE COUNTY	269	9.1	6,216
■ CALIFORNIA	4,364	12.4	128,064
■ UNITED STATES	43,950	15.0	859,000

(Including U. S. Dependencies)

(\*Data Source for US and CA AIDS Rates: CDC HIV/AIDS Surveillance Report, Vol.14  
Orange County data source: HARS Reporting System)

**COUNTY OF ORANGE**  
**HIV REPORTING DATA SHEET**

(Cases Reported as of December 31, 2003)

<b>Total HIV cases reported</b>	1,277
Adult cases	1,268
Pediatric cases	9

**ADULT Cases by Exposure Category (at time of diagnosis)**

882	Men having Sex With Men (MSM/ Bisexual Contact)
108	Injection Drug Use
50	Men having Sex with Men and Inject drugs
144	Heterosexual Contact
5	Hemophilia / Coagulation Disorder
6	Receipt of Blood, Components, or Tissues
73	Risk not Reported /Unknown

**PEDIATRIC Cases by Exposure Category (at time of diagnosis)**

1	Hemophilia / Coagulation Disorder
7	Perinatal (Mother with/at risk for HIV infection)
1	Risk not Reported /Unknown

**HIV Reported Cases by Ethnicity**

675	White
66	African-American
483	Hispanic
46	Asian / Pacific Islander
3	American Indian/Alaska Native
4	Other / Unknown

**HIV Reported Cases by Gender**

1,094	Male
183	Female

**HIV Reported Cases Age Groups (in Years)**

5	Under 5
4	5-12
23	13-19
397	20-29
536	30-39
230	40-49
82	50 and over